

FEB 28 2002

SHEET 1 OF 2

Substitute of Form 1449A/PTO

ATTORNEY'S DKT NO.
040000-755APPLICATION NO.
09/891,238INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
David NisterFILING DATE
June 27, 2001GROUP
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U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
DRV	6,046,763		Roy	04/04/00
↓	6,052,124		Stein et al.	04/18/00

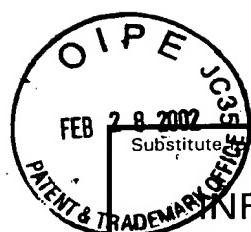
FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	No
DRV	EP0871144		Europe	10/14/98	X	
↓	WO9906956		PCT	02/11/99	X	
↓	WO0122366		PCT	03/29/01		X

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DRV	S. Birchfield et al., Multiway Cut for Stereo and Motion With Slated Surfaces, ICCV 99, pp. 489-496. (date unknown)
✓	A. Fitzgibbon et al., Automatic Camera Recovery for Closed or Open Image Sequences, Proc. ECCV 98, pp. 311-326, (date unknown)
✓	P. Beardsley et al., Sequential Updating of Projective and Affine Structure from Motion, IJCV, 23(3), pp. 235-259, 1997.
✓	R. Cipolla et al., 3D Model Acquisition from Uncalibrated Images, Proc. IAPR Workshop on Machine Vision Applications, Chiba Japan, pp. 559-568, November 1998.
✓	P. Debevec, Modeling and Rendering Architecture from Photographs: A hybrid Geometry-and Image-based Approach, Siggraph 96, pp. 11-20, Computer Graphics Proceedings, Annual Conference Series, 1996.
✓	O. Faugeras et al., Variational Principles, Surface Evolution, PDE's Level Set Methods and the Stereo Problem, IEEE Transactions on Image Processing, 7(3), pp. 336-344, March 1998.
✓	O. Faugeras, What Can Be Seen in Three Dimensions With an Uncalibrated Stereo Rig?, Proc. ECCV 92, pp. 563-578. (date unknown)
✓	L. Gaucher, et al., Accurate Motion Flow Estimation with Discontinuities, ICCV 99, pp. 695-702. (date unknown)
✓	D. Greig et al., Exact Maximum A Posteriori Estimation for Binary Images, Journal of the Royal Statistical Society, Series B, 51(2), pp. 271-279, 1989.
✓	K. Hanna et al., Combining Stereo and Motion for Direct Estimation of Scene Structure, Proc. ICCV 93, pp. 357-365, 1993.
✓	R. Hartley, Euclidean Reconstruction from Uncalibrated Views, Applications of Invariance in Computer Vision, LNCS 825, pp. 237-256, Springer-Verlag, 1994.
✓	A. Heyden et al., Euclidean Reconstruction from Image Sequences with Varying and Unknown Focal Length and Principal Point, Proc. CVPR 97, pp. 438-443, 1997.
✓	K. Kutulakos et al., A Theory of Shape by Space Carving, Proc ICCV 99, pp. 307-314. (date unknown)
✓	S. Maybank et al., A Theory of Self-Calibration of a Moving Camera, International Journal of Computer Vision, 8(2), pp. 123-151, 1992.
✓	D. Nister, Frame Decimation for Structure and Motion, Accepted to SMILE 2000.
✓	D. Nister, Reconstruction from Uncalibrated Sequences with a Hierarchy of Trifocal Tensors, Accepted to ECCV 2000.
✓	M. Pollefeys et al., Self-Calibration and Metric Reconstruction In spite of Varying and Unknown Internal Camera Parameters, IJCV, 32(1), pp. 7-26, August 1999.
✓	P. Torr et al., An Integrated Bayesian Approach to Layer Extraction from Image Sequences, ICCV 99, pp. 983-990. (date unknown)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



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ATTORNEY'S DKT NO. 040000-755	APPLICATION NO. 09/891,238
APPLICANT David Nister	
FILING DATE June 27, 2001	GROUP 2671

DRV ✓	L. Van Gool et al., Automatic 3D Model Building from Video Sequences, Proc. ECMAST 96, Vol. 8., No. 4, pp. 563-582, 1997.
✓	Ahuja, et al., Network Flows: theory, algorithms and applications. ISBN 0-136-17549-X, Prentice Hall, pp. 207-249, 1993.
✓	European Search Report Application No.: RS 105653, mailed January 17, 2002.
✓	International Search Report Application No.: PCT/SE01/01494, mailed January 3, 2002.
✓	Narayanan P J et al., "Constructing virtual worlds using dense stereo" pgs. 3-10, XP000874141, January 1998.
✓	Park J - I et al., "Arbitrary view generation from multiple cameras" pgs. 149-152, Vol. 1, XP000792737, 1997.
✓	Saito H et al., "Appearance-based virtual view generation of temporally-varying events from multi-camera images in the 3D room" pgs. 516-525, XP002157613, October 1999.
Examiner Signature	<i>Burky</i>
Date Considered	Apr. 26, 2002

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Substitute for form 1449A B-10 INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTORNEY'S DKT No. 040000-755	APPLICATION NO. 09/891,238
APPLICANT David NISTER		
FILING DATE June 27, 2001	GROUP 2671	

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FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
<i>DRV</i>	Y. Boykov, et al., "Fast approximate energy minimization via graph cuts", ICCV 99, pp. 377-384.
<i>DRV</i>	P. Eisert et al., "Automatic reconstruction of 3-D stationary objects from multiple uncalibrated camera views", IEEE Transactions on Circuits and Systems for Video Technology, 10(2), pp. 261-277, March 2000.
<i>DRV</i>	P. Fua, "Reconstructing complex surfaces from multiple stereo views", Proc. ICCV 95, pp. 1078-1085.
<i>DRV</i>	R. Mandelbaum, et al., "Correlation-based estimation of ego-motion and structure from motion and stereo", ICCV 99, pp. 544-550.
	↓ L. Robert et al., "Dense depth map reconstruction: A minimization and regularization approach which preserves discontinuities", ECCV 96, pp. 439-451.
	↓ H. Saito, et al., "Shape reconstruction in projective grid space from large number of images", IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR 99), Fort Collins, CO, June 1999.
Examiner Signature	
Date Considered	Apr. 26, 04

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